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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

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Gambel, Phillip

From: Gambel, Phillip
Sent: Sunday, October 06, 2002 11:24 AM
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Subject: b7 and autoimmunity anderson 09/338916

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308-3997

1644 mailbox 9E12

thanx

10/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

11117657 BIOSIS NO.: 199799738802
The CD28-B7 costimulatory pathway and its role in autoimmune disease.
AUTHOR: Daikh David; Wofsy David; Imboden John B(a)
AUTHOR ADDRESS: (a)Box 0868, Univ. California, San Francisco, CA 94143**USA
JOURNAL: Journal of Leukocyte Biology 62 (2):p156-162 1997
ISSN: 0741-5400
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

10/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

13641222 BIOSIS NO.: 200200270043
Lymphocyte costimulatory receptors in renal disease and transplantation.
AUTHOR: Biancone Luigi; Deambrosis Ilaria; Camussi Giovanni(a)
AUTHOR ADDRESS: (a)Cattedra di Nefrologia, Dipartimento di Medicina
Interna, Corso Dogliotti, 14, 10126, Torino**Italy E-Mail:
giovanni.camussi@unito.it
JOURNAL: JN Journal of Nephrology 15 (1):p7-16 January-February, 2002
MEDIUM: print
ISSN: 1121-8428
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

10/3/8 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

11649529 EMBASE No: 2002220234

Targeting T cell costimulation in autoimmune disease

Stuart R.W.; Racke M.K.

R.W. Stuart, Department of Neurology, Center for Immunology, University
of Texas Southwestern, 5323 Harry Hines Blvd., Dallas, TX 75390-9036
United States

AUTHOR EMAIL: Michael.Racke@utsouthwestern.edu

Expert Opinion on Therapeutic Targets (EXPERT OPIN. THER. TARGETS) (
United Kingdom) 2002, 6/3 (275-289)

CODEN: EOTTA ISSN: 1472-8222

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 120

10/3/10 (Item 7 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2002 Elsevier Science B.V. All rts. reserv.

11590913 EMBASE No: 2002163150

Treatment of autoimmune diseases by inhibition of
T-cell costimulation

Wofsy D.; Daikh D.I.

D.I. Daikh, Arthritis Unit, Dept. of Veterans Affairs Med. Ctr., 4150
Clement Street, San Francisco, CA 94121 United States

AUTHOR EMAIL: daikh@itsa.ucsf.edu

Modern Rheumatology (MOD. RHEUMATOL.) (Japan) 2002, 12/1 (1-4)

CODEN: MROHA ISSN: 1439-7595

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 22

10/3/46 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2002 American Chemical Society. All rts. reserv.

127160174 CA: 127(12)160174d JOURNAL

Targeting B7:CD28 co-stimulation in the treatment of autoimmune
demyelination

AUTHOR(S): Perrin, Peter J.; Racke, Michael K.

LOCATION: Dept. of Neurology, University of Pennsylvania, Philadelphia,
19104-4283, USA

JOURNAL: Drug News Perspect. DATE: 1997 VOLUME: 10 NUMBER: 4 PAGES:
208-213 CODEN: DNPEED ISSN: 0214-0934 LANGUAGE: English PUBLISHER:
Prous

10/3/44 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2002 American Chemical Society. All rts. reserv.

131086510 CA: 131(7)86510z JOURNAL

Finally, CTLA4lg graduates to the clinic

AUTHOR(S): Sayegh, Mohamed H.

LOCATION: Laboratory of Immunogenetics and Transplantation, Harvard
Medical School, Brigham and Women's Hospital, Boston, MA, 02115, USA

JOURNAL: J. Clin. Invest. DATE: 1999 VOLUME: 103 NUMBER: 9 PAGES:
1223-1225 CODEN: JCINAO ISSN: 0021-9738 LANGUAGE: English PUBLISHER:
American Society for Clinical Investigation

10/3/39 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

13555870 22211601 PMID: 12223069
Targeting T cell costimulation in autoimmune disease.
Racke Michael K; Stuart Rodney W
Department of Neurology and the Center for Immunology, University of
Texas Southwestern, 5323 Harry Hines Blvd, Dallas, TX 75390-9036, USA.
Michael.Racke@utsouthwestern.edu
Expert Opin Ther Targets (England) Jun 2002, 6 (3) p275-89, ISSN
1472-8222 Journal Code: 101127833
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: In Process

10/3/30 (Item 27 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

10531093 EMBASE No: 1999415701
The B7-CD28/CTLA-4 costimulatory pathways in autoimmune disease of
the central nervous system
Anderson D.E.; Sharpe A.H.; Hafler D.A.
D.E. Anderson, Medical Microbiology and Immunology, University CA Davis
School Medicine, Tupper Hall, Davis, CA 95616 United States
AUTHOR EMAIL: deanderson@ucdavis.edu
Current Opinion in Immunology (CURR. OPIN. IMMUNOL.) (United Kingdom)
1999, 11/6 (677-683)
CODEN: COPIE ISSN: 0952-7915
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 36

10/3/28 (Item 25 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

10653618 EMBASE No: 2000119397
The role of costimulatory molecules as targets for new immunosuppressives
in transplantation
Kishimoto K.; Dong V.M.; Sayegh M.H.
M.H. Sayegh, Lab. Immunogenetic Transplantation, Brigham and Women's
Hospital, 75 Francis Street, Boston, MA, 02115 United States
AUTHOR EMAIL: msayegh@rics.bwh.harvard.edu
Current Opinion in Urology (CURR. OPIN. UROL.) (United Kingdom) 2000,
10/2 (57-62)
CODEN: CUOUE ISSN: 0963-0643
DOCUMENT TYPE: Journal; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 49

11186618 EMBASE No: 2001200214
IDEC-114 IDEC

Schopf R.E.
R.E. Schopf, Johannes Gutenberg University, Department of Dermatology,
55101 Mainz Germany
AUTHOR EMAIL: schopf@hautlink.klink.uni-mainz.de
Current Opinion in Investigational Drugs (CURR. OPIN. INVEST. DRUGS) (United Kingdom) 2001, 2/5 (635-638)
CODEN: CIDRE ISSN: 0967-8298
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 28

10/3/22 (Item 19 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

11138264 EMBASE No: 2001154628
Complexities of CD28/B7: CTLA-4 costimulatory pathways in
autoimmunity and transplantation
Salomon B.; Bluestone J.A.
J.A. Bluestone, UCSF Diabetes Center, University of California, San
Francisco, CA 94143-0540 United States
AUTHOR EMAIL: jbluest@diabetes.ucsf.edu
Annual Review of Immunology (ANNU. REV. IMMUNOL.) (United States)
2001, 19/- (225-252)
CODEN: ARIMD ISSN: 0732-0582
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 163

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11296097 EMBASE No: 2001310357
Costimulation of memory T-cells by ICOS: A potential therapeutic
target for autoimmunity?
Sporici R.A.; Perrin P.J.
P.J. Perrin, Department of Medicine, Critical Care Section, 421 Curie
Boulevard, Philadelphia, PA 19104-6160 United States
AUTHOR EMAIL: perrinpj@mail.med.upenn.edu
Clinical Immunology (CLIN. IMMUNOL.) (United States) 2001, 100/3
(263-269)
CODEN: CLIIF ISSN: 1521-6616
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 86

10/3/20 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
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11227672 EMBASE No: 2001242199
Costimulatory molecules and their ligands as therapeutic targets in
autoimmune disease
Zoller M.
M. Zoller, Department of Tumor Progression, German Cancer Research
Center, University of Karlsruhe, Im Neuenheimer Feld 280, D 69120
Heidelberg Germany

AUTHOR EMAIL: m.zoeller@dkfz.de
European Journal of Dermatology (EUR. J. DERMATOL.) (France) 2001,
11/4 (335-342)
CODEN: EJDEE ISSN: 1167-1122
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 145

10/3/15 (Item 12 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

11382836 EMBASE No: 2001395306
Manipulation of costimulatory pathways in autoimmune diseases
Nakajima A.
A. Nakajima, Dept. of Joint Disease/Rheumatism, Nippon Medical School,
1-1-5 Sendagi, Bunkyo-ku, Tokyo 113-8603 Japan
AUTHOR EMAIL: Amnakaji@aol.com
Modern Rheumatology (MOD. RHEUMATOL.) (Japan) 2001, 11/3 (184-191)
CODEN: MROHA ISSN: 1439-7595
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 88

10/3/16 (Item 13 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

11364562 EMBASE No: 2001378774
Therapeutic intervention with inhibitors of co-stimulatory
pathways in autoimmune disease
Aruffo A.; Hollenbaugh D.
A. Aruffo, Immunol./Inflammation Drug Discovery, B.-M. Squibb Pharmaceut.
Res. Inst., PO Box 5400, Princeton, NJ 08543 United States
AUTHOR EMAIL: alejandro.aruffo@bms.com
Current Opinion in Immunology (CURR. OPIN. IMMUNOL.) (United Kingdom)
01 DEC 2001, 13/6 (683-686)
CODEN: COPIE ISSN: 0952-7915
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 28

Gambel, Phillip

From: Gambel, Phillip
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308-3997

1644 mailbox 9E12

thanx

s3/3/all

3/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

13591346 BIOSIS NO.: 200200220167
Therapeutic activity of IDEC-114 (anti-CD80) and rituximab
(Rituxan(R)) in B-cell lymphoma.
AUTHOR: Hariharan Kandasamy(a); Anderson Darrell(a); Leigh Bryan(a);
Berquist Lisa G(a); Murphy Tracey(a); Leonard John E(a); Braslawsky Gary
R(a); Hanna Nabil(a)
AUTHOR ADDRESS: (a)IDEC Pharmaceuticals Corp., San Diego, CA**USA
JOURNAL: Blood 98 (11 Part 1):p608a November 16, 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971
RECORD TYPE: Abstract
LANGUAGE: English

7/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

12586894 BIOSIS NO.: 200000340396
The role of costimulation in autoimmune demyelination.
AUTHOR: Racke Michael K(a); Ratts Robert B; Arredondo LaChelle; Perrin
Peter J; Lovett-Racke Amy
AUTHOR ADDRESS: (a)Department of Neurology, University of
Texas-Southwestern Medical Center, 5323 Harry Hines Blvd., J3.134,
Dallas, TX, 75235-9036**USA
JOURNAL: Journal of Neuroimmunology 107 (2):p205-215 July 24, 2000
MEDIUM: print
ISSN: 0165-5728
DOCUMENT TYPE: Article
RECORD TYPE: Abstract

LANGUAGE: English

7/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

12181396 BIOSIS NO.: 199900476245
Differential requirements of naive and memory T cells for CD28
costimulation in autoimmune pathogenesis.
AUTHOR: Perrin P J(a); Lovett-Racke A; Phillips S M; Racke M K
AUTHOR ADDRESS: (a)Department of Medicine, University of Pennsylvania, 909
BRB II, 421 Curie Boulevard, Philadelphia, PA, 19104-6160**USA
JOURNAL: Histology and Histopathology 14 (4):p1269-1276 Oct., 1999
ISSN: 0213-3911
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

7/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

12009009 BIOSIS NO.: 199900289528
CTLA-4-Fc treatment of ongoing EAE improves recovery, but has no effect
upon relapse rate. Implications for the mechanisms involved in disease
perpetuation.
AUTHOR: Cross Anne H(a); San Manuel; Keeling Richard M; Karr Robert W
AUTHOR ADDRESS: (a)Department of Neurology and Neurosurgery, Washington
University School of Medicine, 660 S. Euclid**USA
JOURNAL: Journal of Neuroimmunology 96 (2):p144-147 May 3, 1999
ISSN: 0165-5728
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

7/3/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10139201 BIOSIS NO.: 199698594119
CD28-B7 costimulatory blockade by CTLA4Ig prevents actively induced
experimental autoimmune encephalomyelitis and inhibits Th1 but spares Th2
cytokines in the central nervous system.
AUTHOR: Khoury Samia J(a); Akalin Enver; Chandraker Anil; Turka Laurence A;
Linsley Peter S; Sayegh Mohamed H; Hancock Wayne W
AUTHOR ADDRESS: (a)Cent. Neurol. Diseases, Brigham and Women's Hosp.,
Harvard Med. Sch., 221 Longwood Ave., Boston,**USA
JOURNAL: Journal of Immunology 155 (10):p4521-4524 1995
ISSN: 0022-1767
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

7/3/20 (Item 20 from file: 5)

DIALOG(R)File 5:BIOSIS Previews(R)
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09905239 BIOSIS NO.: 199598360157

Long-term inhibition of murine experimental autoimmune encephalomyelitis
using CTLA-4-Fc supports a key role for CD28 costimulation.

AUTHOR: Cross Anne H(a); Girard Thomas J; Giacoletto Karen S; Evans Robert
J; Keeling Richard M; Lin Robin F; Trotter John L; Karr Robert W

AUTHOR ADDRESS: (a)Box 8111, Dep. Neurol., Washington University Sch. Med.,
660 South Euclid Ave., St. Louis, MO 63**USA

JOURNAL: Journal of Clinical Investigation 95 (6):p2783-2789 1995

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

7/3/28 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

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11597411 EMBASE No: 2002170011

Identification of new therapeutic targets for prevention of CNS
inflammation

Owens T.

T. Owens, Neuroimmunology Unit, Montreal Neurological Institute, 3801
University Street, Montreal, Que. H3A 2B4 Canada

AUTHOR EMAIL: trevor.owens@mcgill.ca

Expert Opinion on Therapeutic Targets (EXPERT OPIN. THER. TARGETS) (
United Kingdom) 2002, 6/2 (203-215)

CODEN: EOTTA ISSN: 1472-8222

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 89

7/3/32 (Item 6 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2002 Elsevier Science B.V. All rts. reserv.

11066652 EMBASE No: 2001085694

Tolerance and autoimmunity

Kamradt T.; Avrion Mitchison N.

Dr. T. Kamradt, Deutsches Rheumaforschungszentrum, Schumannstr. 21/22,
10117 Berlin Germany

AUTHOR EMAIL: kamradt@drfz.de

New England Journal of Medicine (NEW ENGL. J. MED.) (United States)

01 MAR 2001, 344/9 (655-664)

CODEN: NEJMA ISSN: 0028-4793

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 151

7/3/35 (Item 9 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2002 Elsevier Science B.V. All rts. reserv.

07934911 EMBASE No: 1999408475

Effect of anti-B7-1 and anti-B7-2 mab on Theiler's
murine encephalomyelitis virus-induced demyelinating disease

Inoue A.; Koh C.-S.; Yamazaki M.; Yagita H.

Dr. C.-S. Koh, Third Dept. of Medicine (Neurology), Shinshu Univ. School
of Medicine, 3-1-1 Asahi, Matsumoto 390-8621 Japan
AUTHOR EMAIL: kshosei@hsp.md.shinshu-u.ac.jp
Journal of Immunology (J. IMMUNOL.) (United States) 01 DEC 1999,
163/11 (6180-6186)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 55

7/3/36 (Item 10 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

07819679 EMBASE No: 1999292120
CD80 (B7-1) and CD86 (B7-2) expression in
multiple sclerosis patients: Clinical subtype specific variation in
peripheral monocytes and B cells and lack of modulation by high dose
methylprednisolone
Boylan M.T.; Crockard A.D.; McDonnell G.V.; Armstrong M.A.; Hawkins S.A.
M.T. Boylan, Dept. Microbiology and Immunobiology, Queen's University of
Belfast, Belfast United Kingdom
AUTHOR EMAIL: m.boylan@qub.ac.uk
Journal of the Neurological Sciences (J. NEUROL. SCI.) (Netherlands)
1999, 167/2 (79-89)
CODEN: JNSCA ISSN: 0022-510X
PUBLISHER ITEM IDENTIFIER: S0022510X9900132X
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 42

7/3/37 (Item 11 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

07779842 EMBASE No: 1999262861
Blockade of CD28 during in vitro activation of encephalitogenic T cells
or after disease onset ameliorates experimental autoimmune
encephalomyelitis
Pertin P.J.; June C.H.; Maldonado J.H.; Ratts R.B.; Racke M.K.
Dr. P.J. Pertin, Dept. of Med., Pulmonary, Allergy, Critical Care
Section, 909 BRB II, 421 Curie Boulevard, Philadelphia, PA 19104-6160
United States
AUTHOR EMAIL: perrinpj@mail.med.upenn.edu
Journal of Immunology (J. IMMUNOL.) (United States) 01 AUG 1999, 163/3
(1704-1710)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 52

7/3/40 (Item 14 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

07380368 EMBASE No: 1998285839

Targeting the B7/CD28:CTLA-4 costimulatory system in CNS autoimmune disease

Karandikar N.J.; Vanderlugt C.L.; Bluestone J.A.; Miller S.D.

S.D. Miller, Dept. of Microbiology-Immunology, Interdepartmental

Immunobiology Ctr., North western Univ. Medical School, 303 East Chicago Avenue, Chicago, IL 60611 United States

AUTHOR EMAIL: s-d-miller@nwu.edu

Journal of Neuroimmunology (J. NEUROIMMUNOL.) (Netherlands) 14 AUG

1998, 89/1-2 (10-18)

CODEN: JNRID ISSN: 0165-5728

PUBLISHER ITEM IDENTIFIER: S0165572898000587

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 63

7/3/51 (Item 2 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

13373601 21685426 PMID: 11826754

Role of the B7-CD28/CTLA-4 pathway in autoimmune disease.

Chang Tammy T; Kuchroo Vijay K; Sharpe Arlene H

Immunology Research Division, Department of Pathology, Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard Medical School, Boston, Mass., USA.

Current directions in autoimmunity (Switzerland) 2002, 5 p113-30,

ISSN 1422-2132 Journal Code: 101121763

Document type: Journal Article; Review; Review, Academic

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

7/3/55 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

10341179 99343788 PMID: 10415078

Blockade of CD28 during in vitro activation of encephalitogenic T cells or after disease onset ameliorates experimental autoimmune encephalomyelitis.

Perrin P J; June C H; Maldonado J H; Ratts R B; Racke M K

Department of Medicine, University of Pennsylvania School of Medicine, Philadelphia 19104, USA. perrinpj@mail.med.upenn.edu

Journal of immunology (Baltimore, Md. : 1950) (UNITED STATES) Aug 1

1999, 163 (3) p1704-10, ISSN 0022-1767 Journal Code: 2985117R

Contract/Grant No.: R29-AI43296; AI; NIAID; RO1-NS-37513; NS; NINDS

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

7/3/60 (Item 11 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

08530260 95286802 PMID: 7539451

The CD28/CTLA-4:B7 receptor system in experimental autoimmune encephalomyelitis.

Linsley P S

Journal of clinical investigation (UNITED STATES) Jun 1995, 95 (6)
p2429-30, ISSN 0021-9738 Journal Code: 7802877
Comment on J Clin Invest. 1995 Jun;95(6) 2783-9; Comment on PMID 7539461
Document type: Comment; Editorial
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed